

REMARKS

Applicant has reviewed and considered the Office Action mailed on January 27, 2006, and the references cited therewith.

No claims are amended, canceled, or added; as a result, claims 5-7, 9-12, 14-21, and 23-30 are now pending in this application.

'102 Rejection of the Claims

Claims 5-7, 9-12, 14-21, 23-30 were rejected under 35 USC ' 102(a) as being anticipated by Deas et al. (U.S. Publication 2003/0043900). Applicants respectfully traverse this rejection. The Office Action alleges that Deas teaches a method of testing a driver. Applicants respectfully disagree. Deas describes an adaptive equalizer to compensate for distortion in a channel. (See the abstract of Deas). The cited portions of Deas describe deriving the transmission channel characteristic (page 5, paragraph 0064), and measuring multiple points (page 5, paragraph 0072) of a received signal as part of determining the response of the channel (page 5, paragraph 0074). Accordingly, the disclosure provided by Deas describes methods for characterization and equalization of an unknown channel.

Interview Summary

Applicants' representative Dana LeMoine conducted a telephone interview with Examiner Aditya S. Bhat on April 6, 2005. Applicant's representative records the interview as follows:

- (A) No exhibits were shown, nor any demonstration conducted.
- (B) Independent claims 5, 14, 24, and 28 were discussed.
- (C) The Deas reference was discussed.
- (D) No amendments were proposed.
- (E) Applicants' representative presented the argument that the Deas reference operates to characterize an unknown channel, whereas the claims in the instant application are directed to using a known channel to perform tests.

(F) The Office Action mailed 1/27/06 was discussed.

(G) Applicants' representative and Examiner Bhat agreed that the claims define over the Deas reference.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (952-473-8800) to facilitate prosecution of this application.

Respectfully submitted,

JEFF C. MORRISS ET AL.

By their Representatives,

Customer # 45445
952-473-8800

Date 4-10-06

By Dana B LeMoine
Dana B. LeMoine
Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 11 day of April, 2006.

Shellie Bailey

Shellie Bailey
Signature